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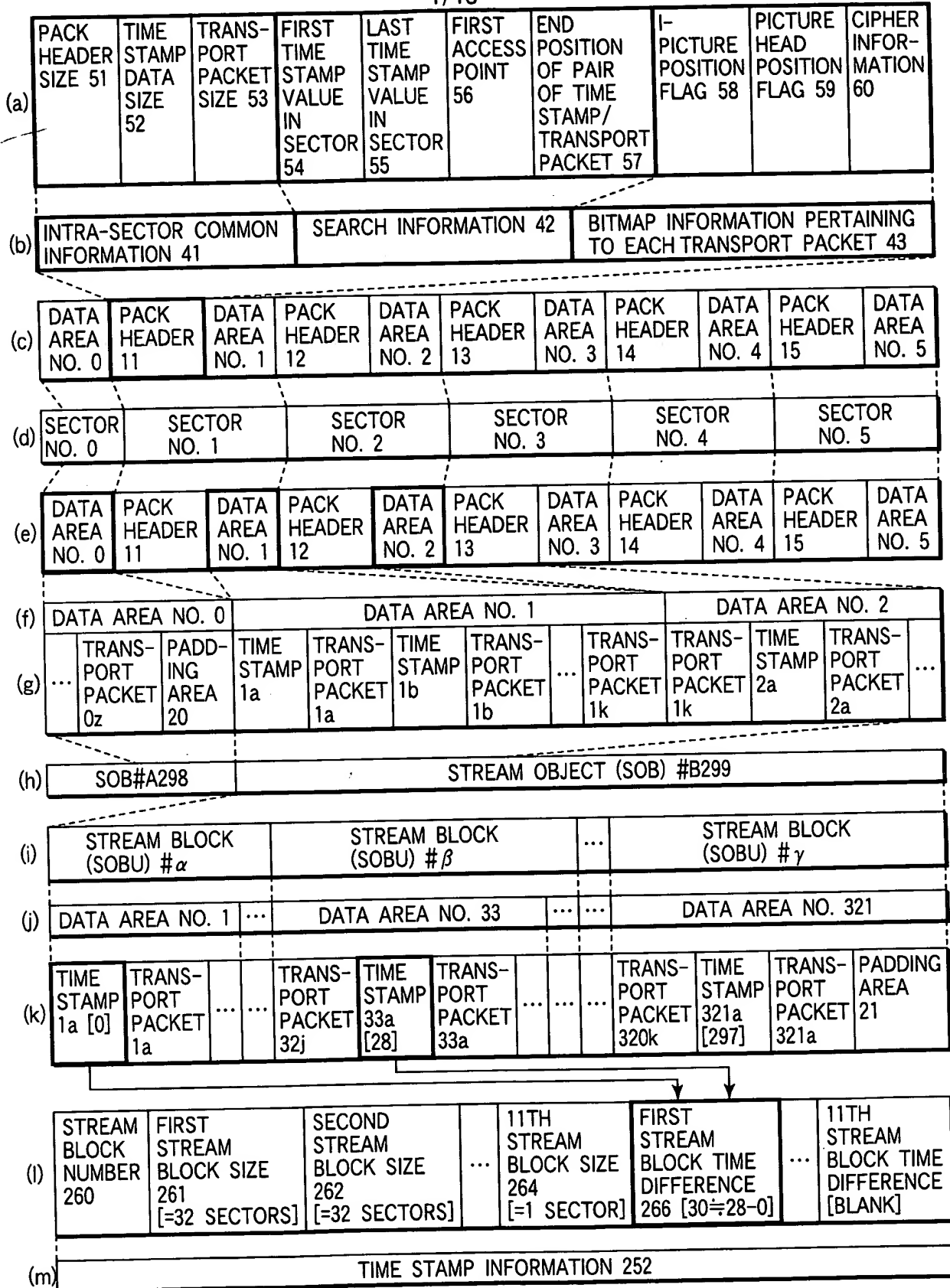


FIG. 1

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ROOT DIRECTORY 100

SUBDIRECTORY 101

DVD\_RTR DIRECTORY (DVD\_RTAV) 102

DATA FILE 103

RTR. IFO (VR\_MANGR. IFO; NAVIGATION DATA) 104

STREAM. IFO (SR\_MANGR. IFO/SR\_MANGR.BUP)  
(NAVIGATION DATA) 105

SR\_PRIVT. DAT/SR\_PRIVT. BUP (NAVIGATION DATA UNIQUE TO  
APPLICATION) 105a

STREAM. VRO (SR\_TRANS. SRO)  
(STREAM DATA) 106

RTR\_MOV. VRO (VR\_MOVIE. VRO; MOVIE REAL-TIME VIDEO  
OBJECT) 107

RTR\_STO. VRO (VR\_STILL. VRO; STILL PICTURE REAL-TIME  
VIDEO OBJECT) 108

RTR\_STA. VRO (VR\_AUDIO. VRO; AUDIO OBJECT OF  
POSTRECORDED AUDIO, ETC.) 109

SUBDIRECTORY 110

VIDEO\_TS (VIDEO TITLE SET) 111

AUDIO\_TS (AUDIO TITLE SET) 112

SUBDIRECTORY FOR SAVING COMPUTER DATA 113

FIG. 2

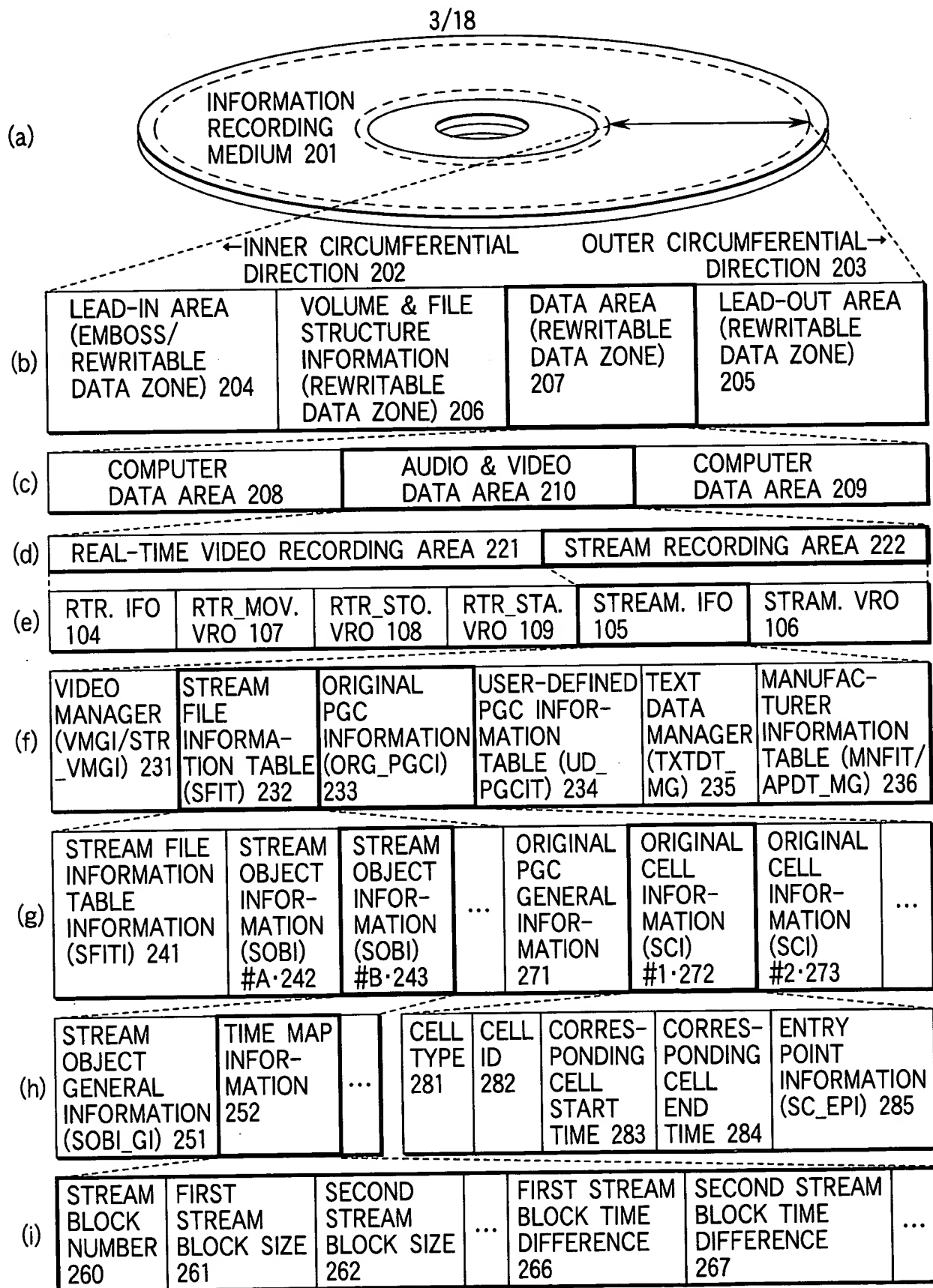


FIG. 3

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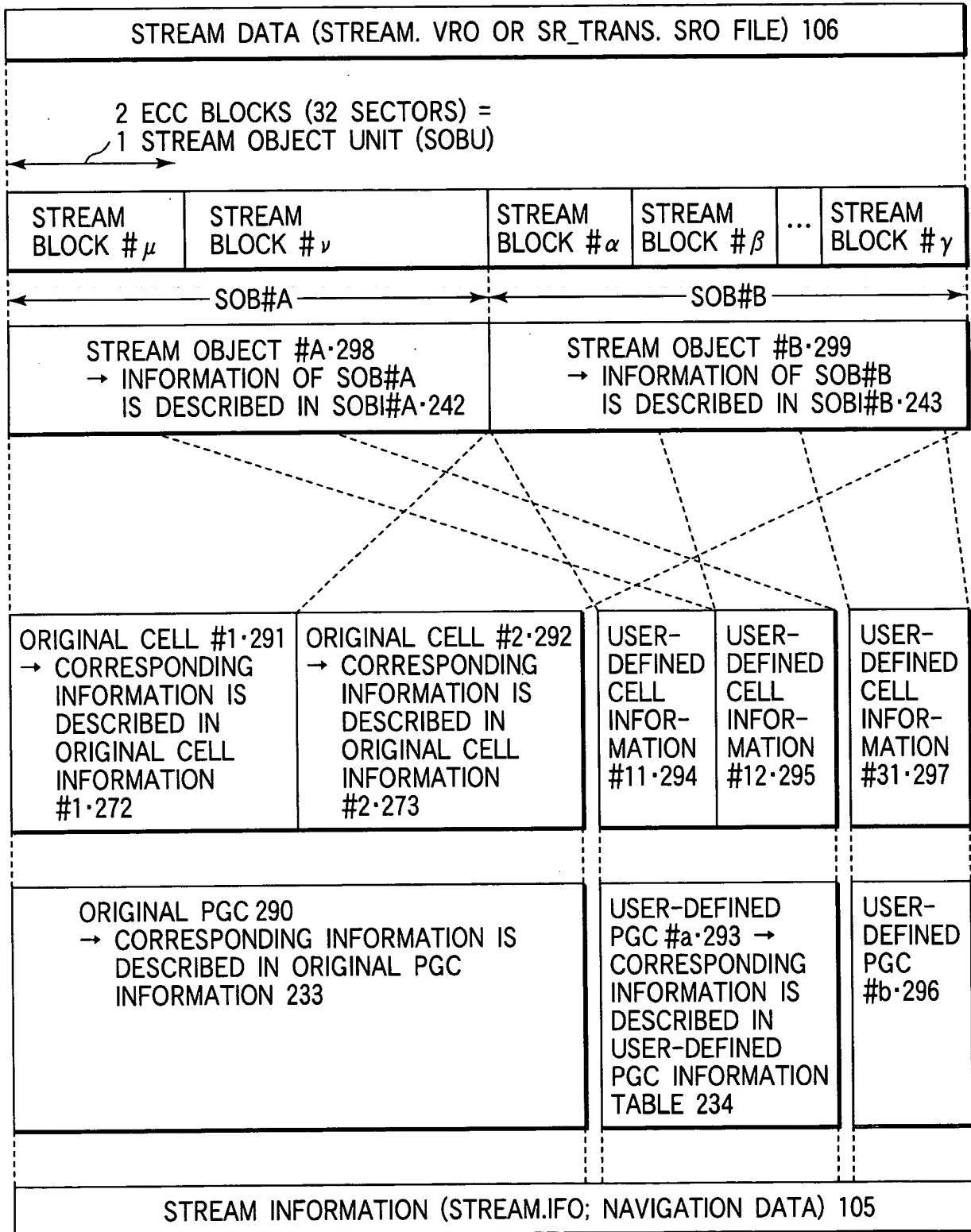


FIG. 4

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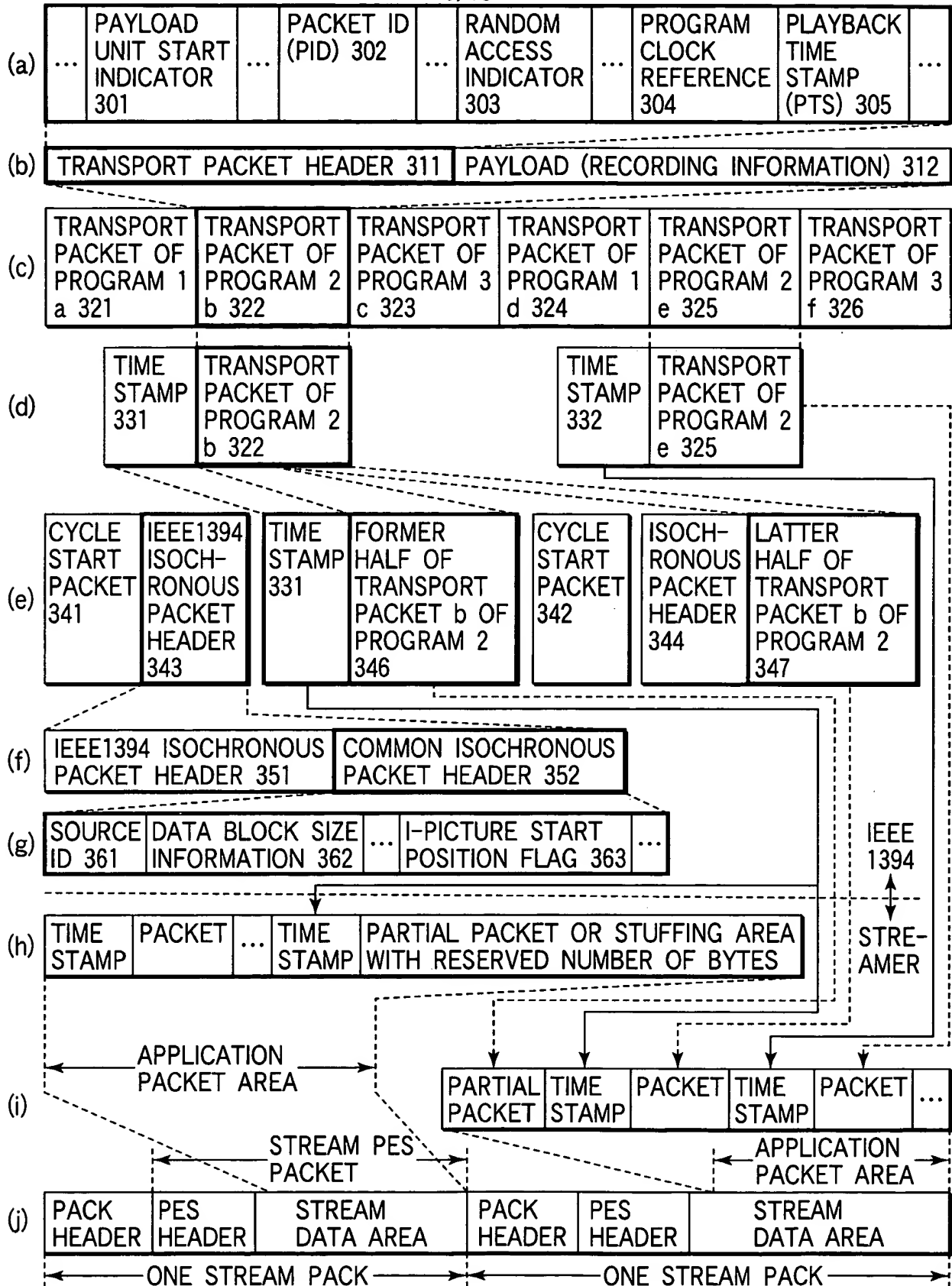


FIG. 5

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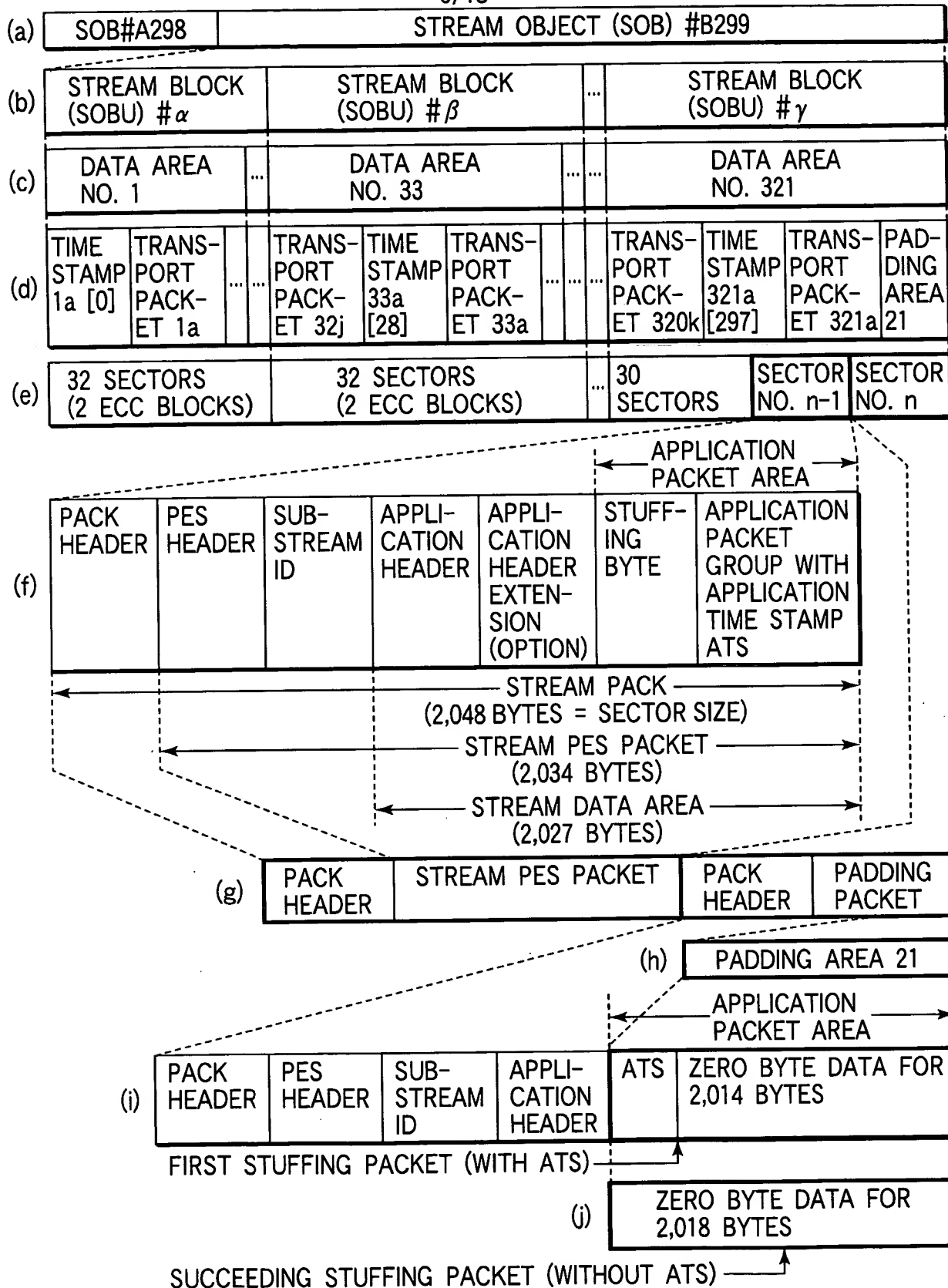


FIG. 6

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VIDEO PLAYBACK TIME

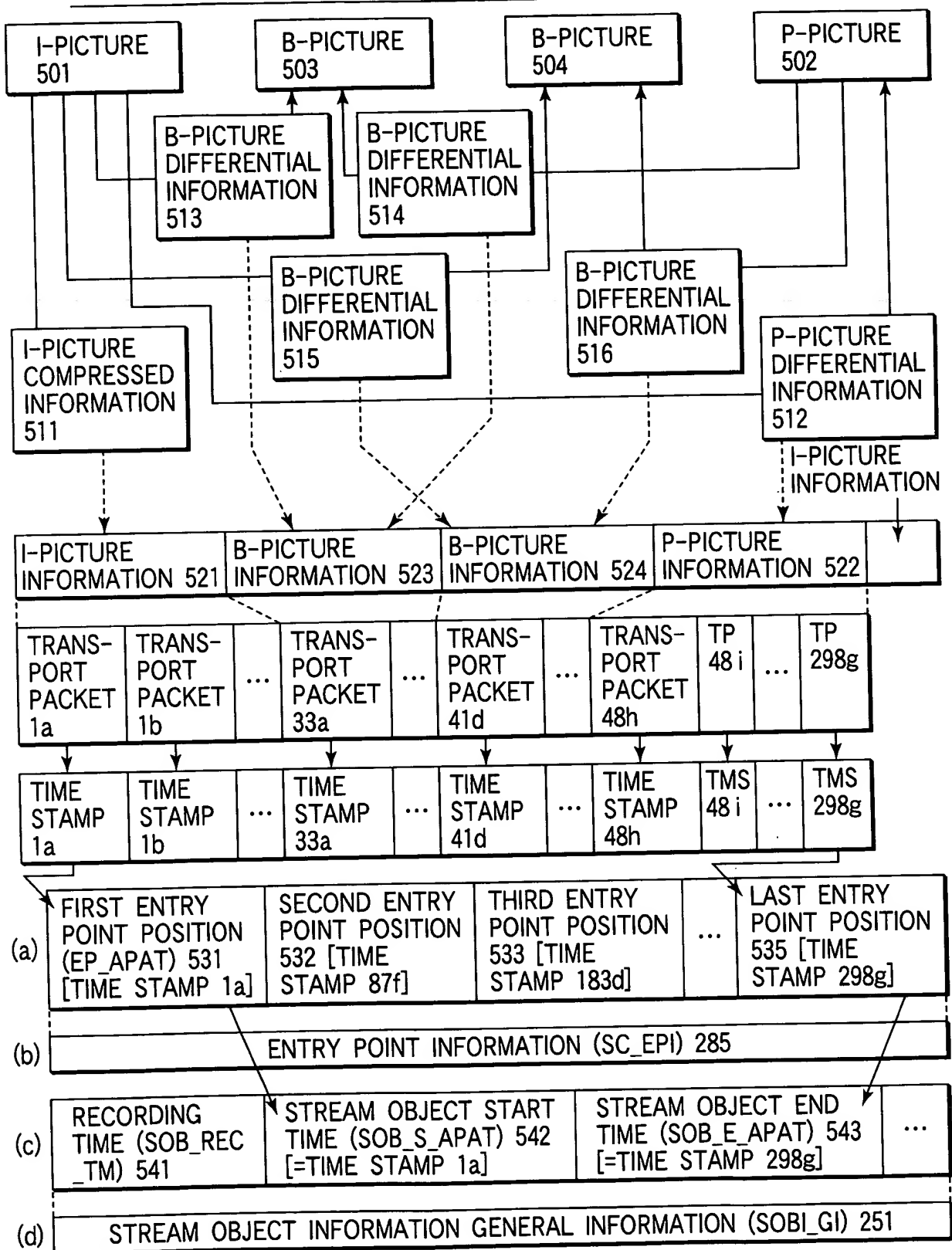
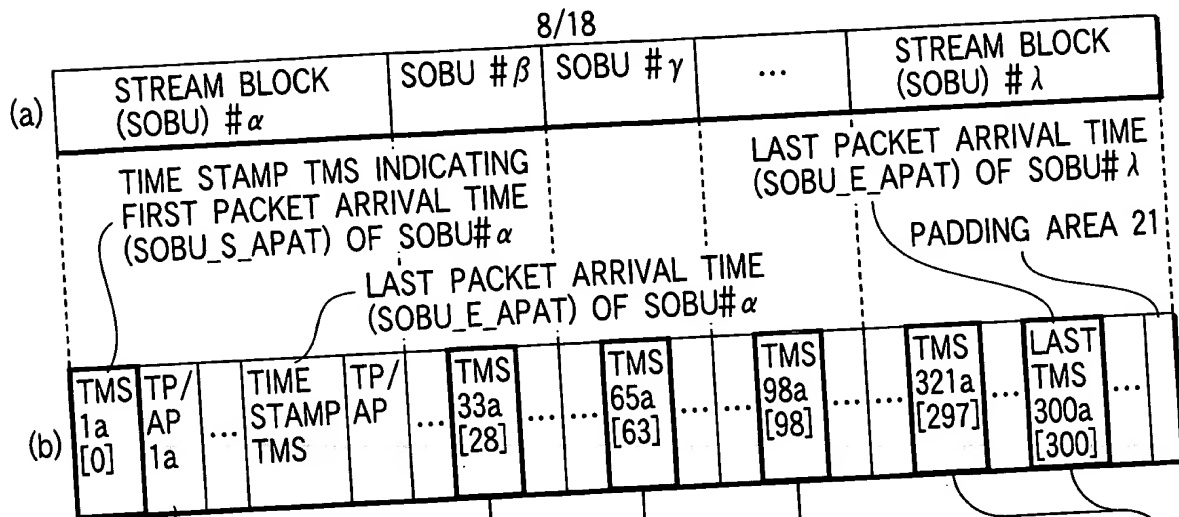


FIG. 7



TRANSPORT PACKET TP (APPLICATION PACKET AP) 1a

(c)

TIME MAP INFORMATION 252	TIME DIFFERENCE NUMBER	TIME DIFFERENCE VALUE	CALCULATION METHOD
	FIRST SOBU# $\alpha$	30 (ROUNDED VALUE)	$TMS_{33a} - TMS_{1a} = \text{ROUND} [28 - 0] \div 30$
	SECOND SOBU# $\beta$	40 (ROUNDED VALUE)	$TMS_{65a} - TMS_{33a} = \text{ROUND} [63 - 30] \div 40$
	THIRD SOBU# $\gamma$	30 (ROUNDED VALUE)	$TMS_{98a} - TMS_{65a} = \text{ROUND} [98 - 40 - 30] \div 30$
	...	...	...
	LAST SOBU# $\lambda$	BLANK	...

(d)

TIME MAP INFORMATION 252	TIME DIFFERENCE NUMBER	TIME DIFFERENCE VALUE	CALCULATION METHOD
	FIRST SOBU# $\alpha$	30 (ROUNDED VALUE)	$TMS_{33a} - TMS_{1a} = \text{ROUND} [28 - 0] \div 30$
	SECOND SOBU# $\beta$	40 (ROUNDED VALUE)	$TMS_{65a} - TMS_{33a} = \text{ROUND} [63 - 30] \div 40$
	THIRD SOBU# $\gamma$	30 (ROUNDED VALUE)	$TMS_{98a} - TMS_{65a} = \text{ROUND} [98 - 40 - 30] \div 30$
	...	...	...
	LAST SOBU# $\lambda$	10	$TMS_{300a} - TMS_{321a} = \text{ROUND} [300 - 297] \div 10$ OR $[300 - 300 + 10] \div 10$

FIG. 8



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(a)	...	STREAM BLOCK (SOBU) # $\gamma$	STREAM BLOCK (SOBU) # $\delta$	...	STREAM BLOCK (SOBU) # $\eta$	STREAM BLOCK (SOBU) # $\theta$				
(b)	...	SIZE = 16 (OR 32) SECTORS	SIZE = 16 (32) SECTORS	...	SIZE = 16 (32) SECTORS	SIZE = 16 (OR 32) SECTORS				
(c)	...	TIME DIFFERENCE = 30	TIME DIFFERENCE = 40	...	TIME DIFFERENCE = 40	TIME DIFFERENCE = 30				
(d)	...	SECTOR NO. 87	...	SECTOR NO. 97	...	SECTOR NO. 224	SECTOR NO. 225	...		
(e)	...	TMS 87f	...	TMS 97c	...	TMS 224k	TMS 225d	...	TMS 298g	...

TIME STAMP (TMS) 1a

(k)

STATE BEFORE PARTIAL ERASE	STREAM OBJECT INFORMATION (SOBI)	STREAM OBJECT START TIME (SOB_S_APAT) 542	TIME STAMP (TMS) 1a
		STREAM OBJECT END TIME (SOB_E_APAT) 543	TIME STAMP (TMS) 298g
	ORIGINAL CELL INFORMATION (SCI)	CORRESPONDING CELL START TIME (SC_S_APAT) 283	TIME STAMP (TMS) 1a
		CORRESPONDING CELL END TIME (SC_E_APAT) 284	TIME STAMP (TMS) 298g

(f)	STREAM BLOCK # $\gamma$	STREAM BLOCK # $\delta$	...	STREAM BLOCK # $\eta$	STREAM BLOCK # $\theta$			
(g)	SIZE = 16 (32) SECTORS	SIZE = 16 (32) SECTORS	...	SIZE = 16 (32) SECTORS	SIZE = 16 (32) SECTORS			
(h)	TIME DIFFERENCE = 30	TIME DIFFERENCE = 40	...	TIME DIFFERENCE = 40	TIME DIFFERENCE = 30			
(i)	...	SECTOR NO. 87	...	SECTOR NO. 97	...	SECTOR NO. 224	SECTOR NO. 225	...
(j)	...	TMS 87f	...	TMS 97c	...	TMS 224k	TMS 225d	...

(i)

STATE AFTER PARTIAL ERASE	STREAM OBJECT INFORMATION (SOBI)	STREAM OBJECT START TIME (SOB_S_APAT) 542	TIME STAMP (TMS) 87f
		STREAM OBJECT END TIME (SOB_E_APAT) 543	TIME STAMP (TMS) 255d
	ORIGINAL CELL INFORMATION (SCI)	CORRESPONDING CELL START TIME (SC_S_APAT) 283	TIME STAMP (TMS) 97c
		CORRESPONDING CELL END TIME (SC_E_APAT) 284	TIME STAMP (TMS) 224k

FIG. 9

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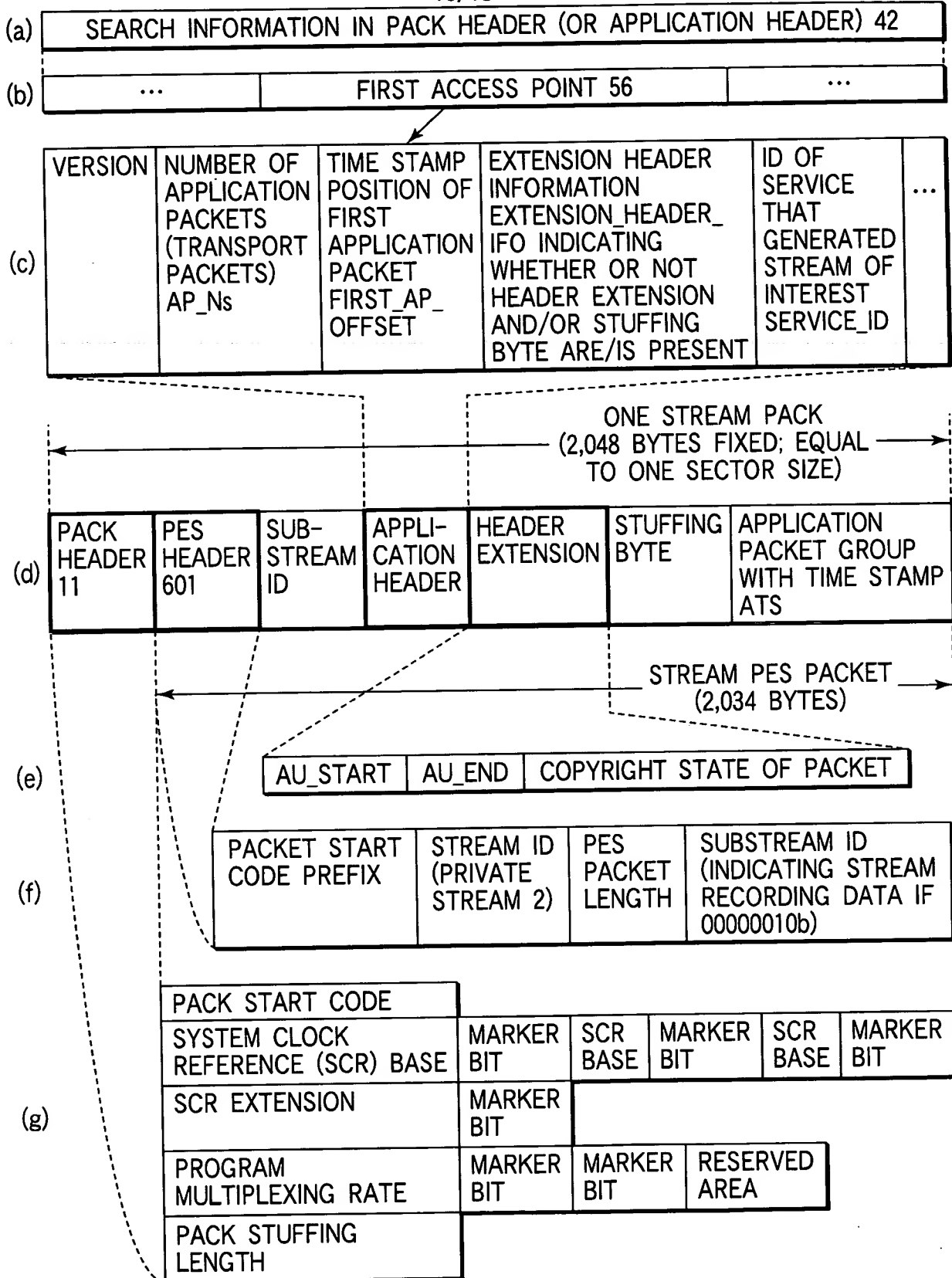


FIG.10

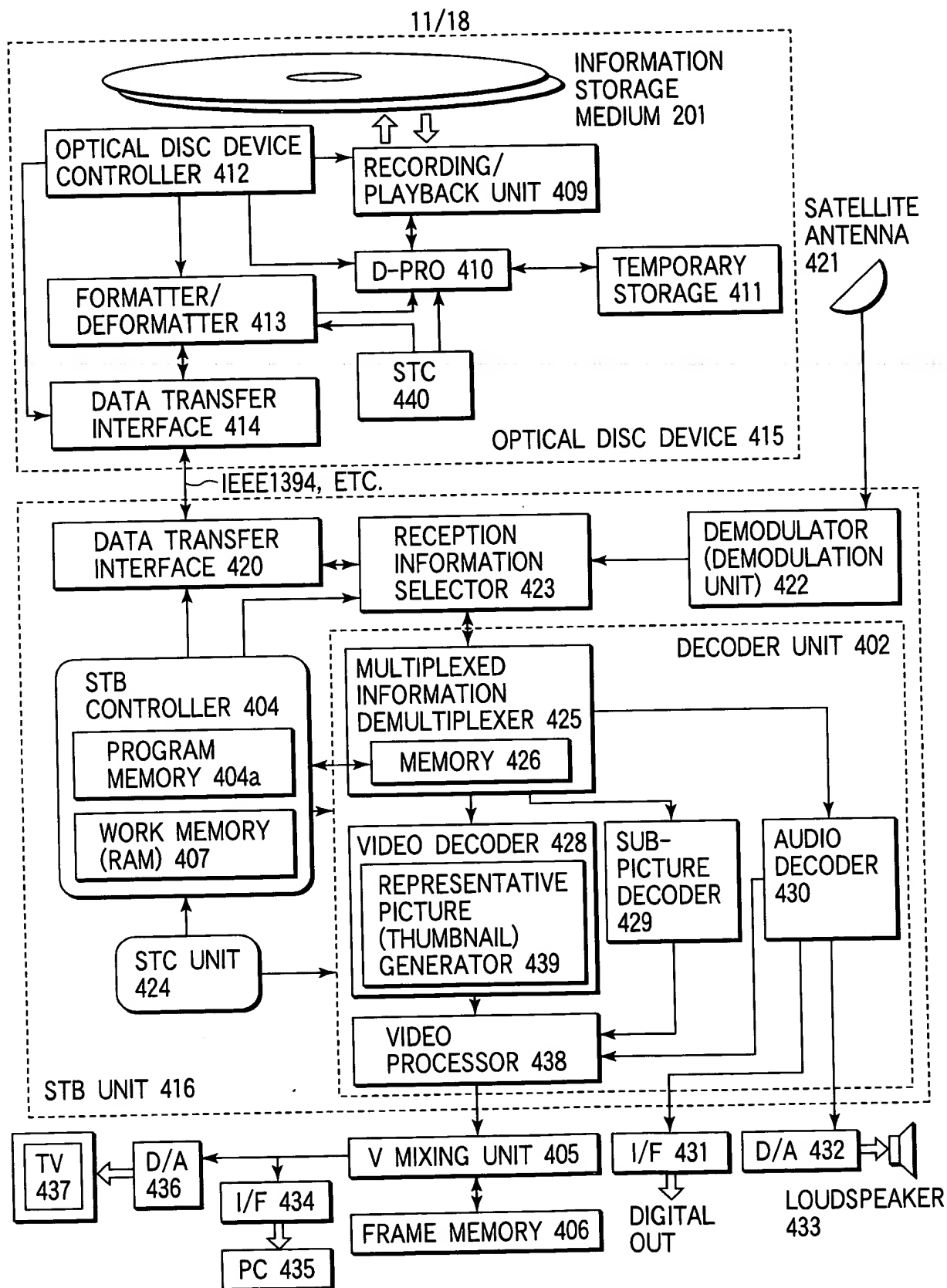


FIG.11

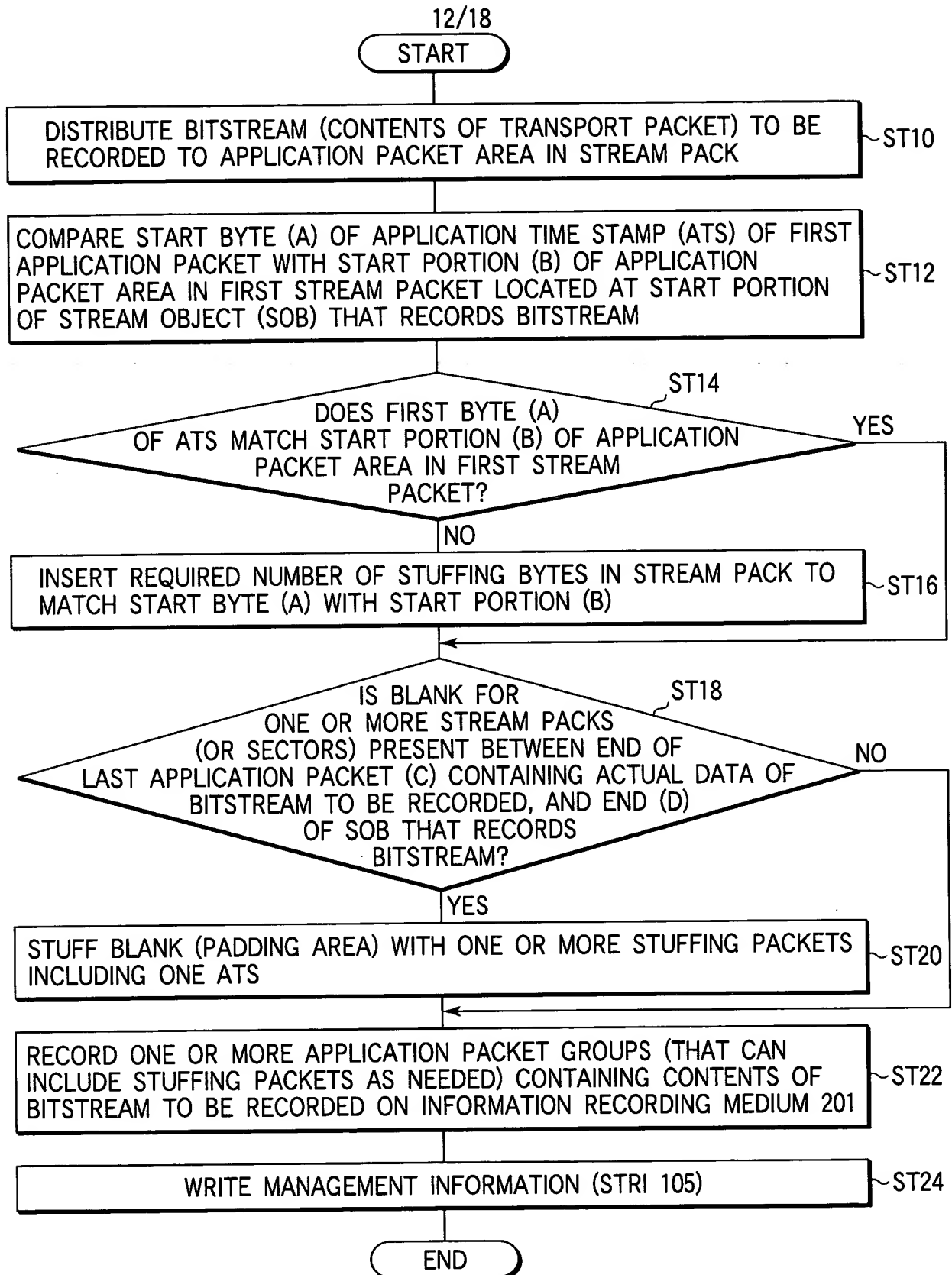


FIG. 12

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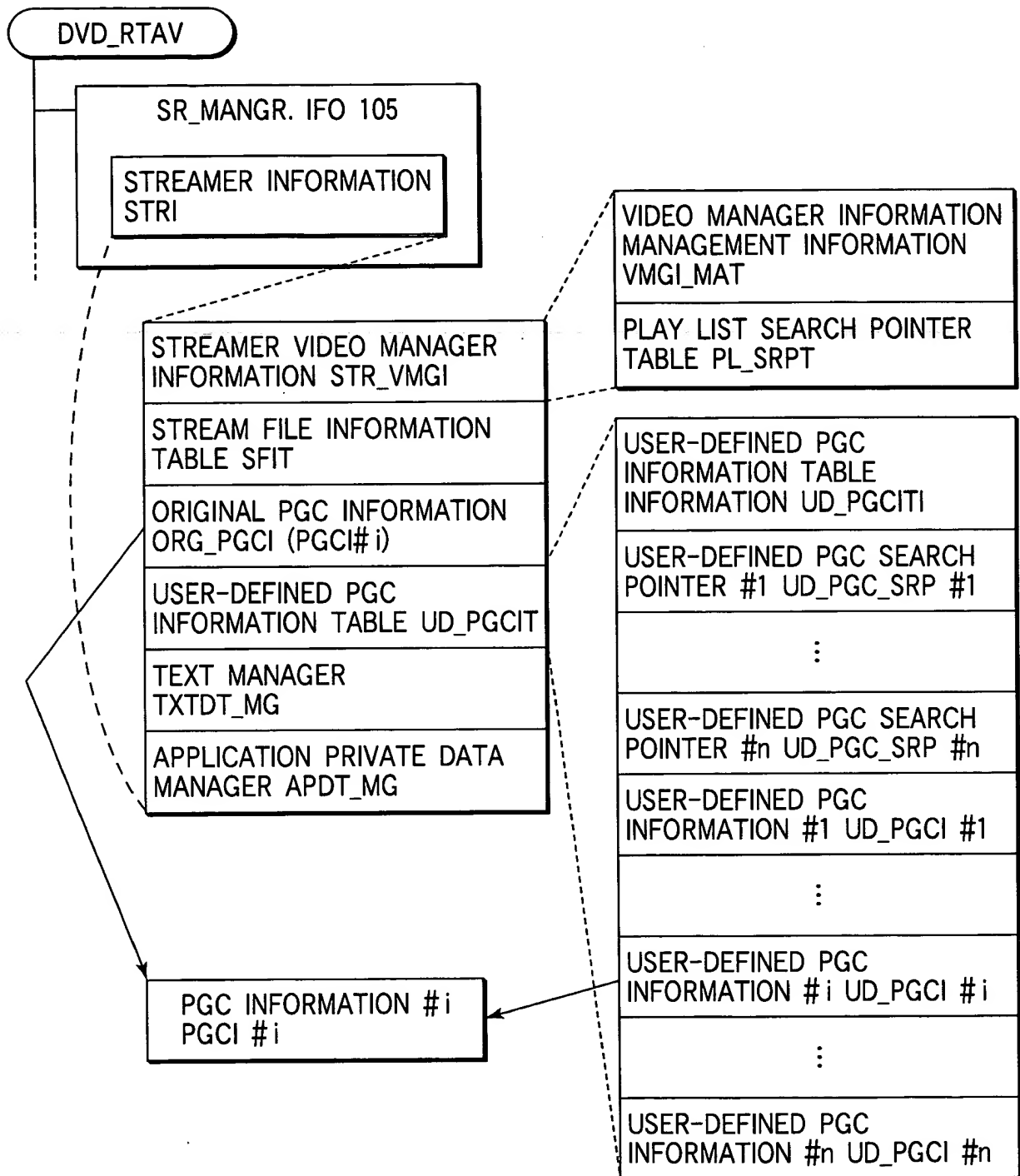


FIG. 13

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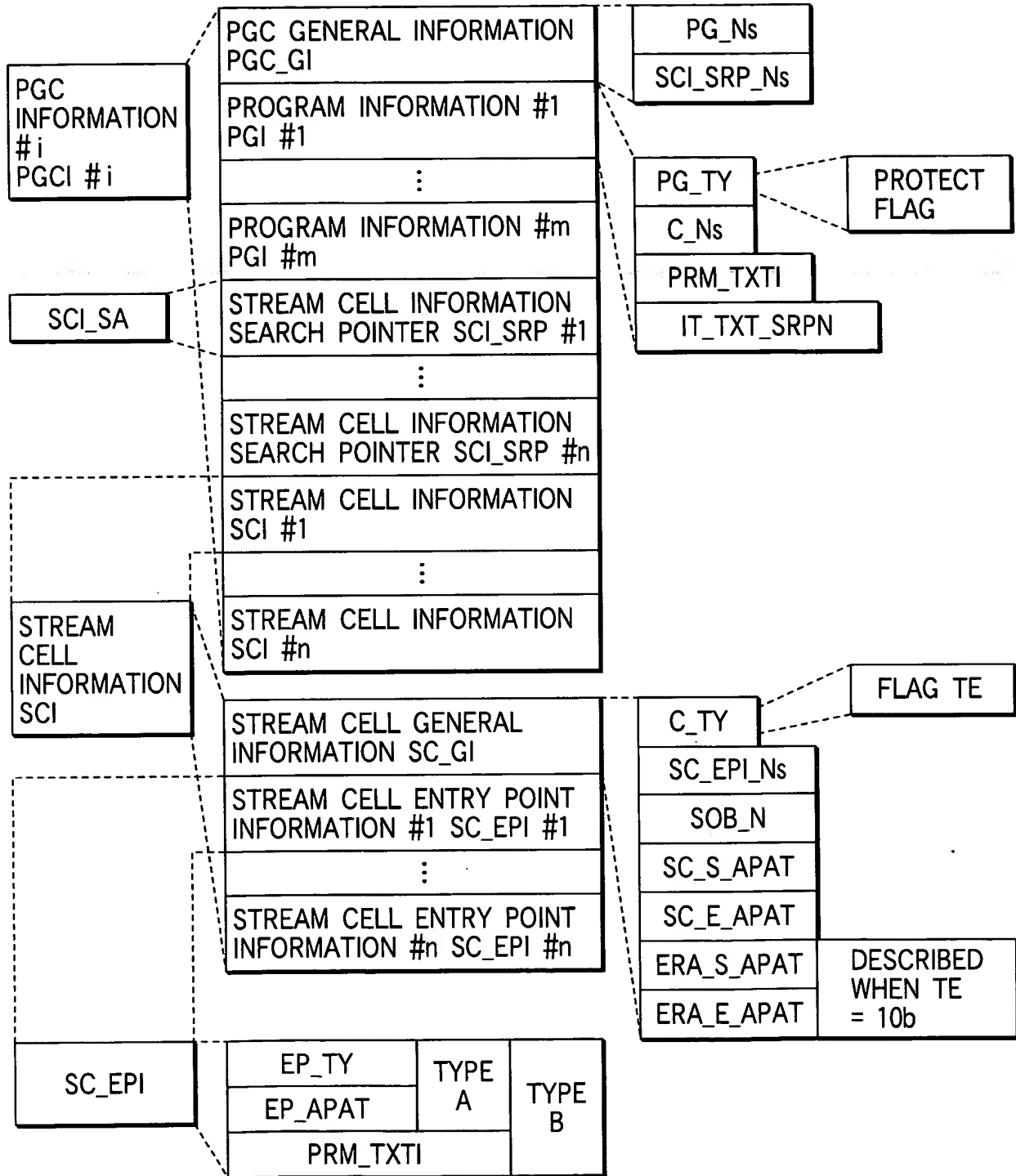


FIG. 14

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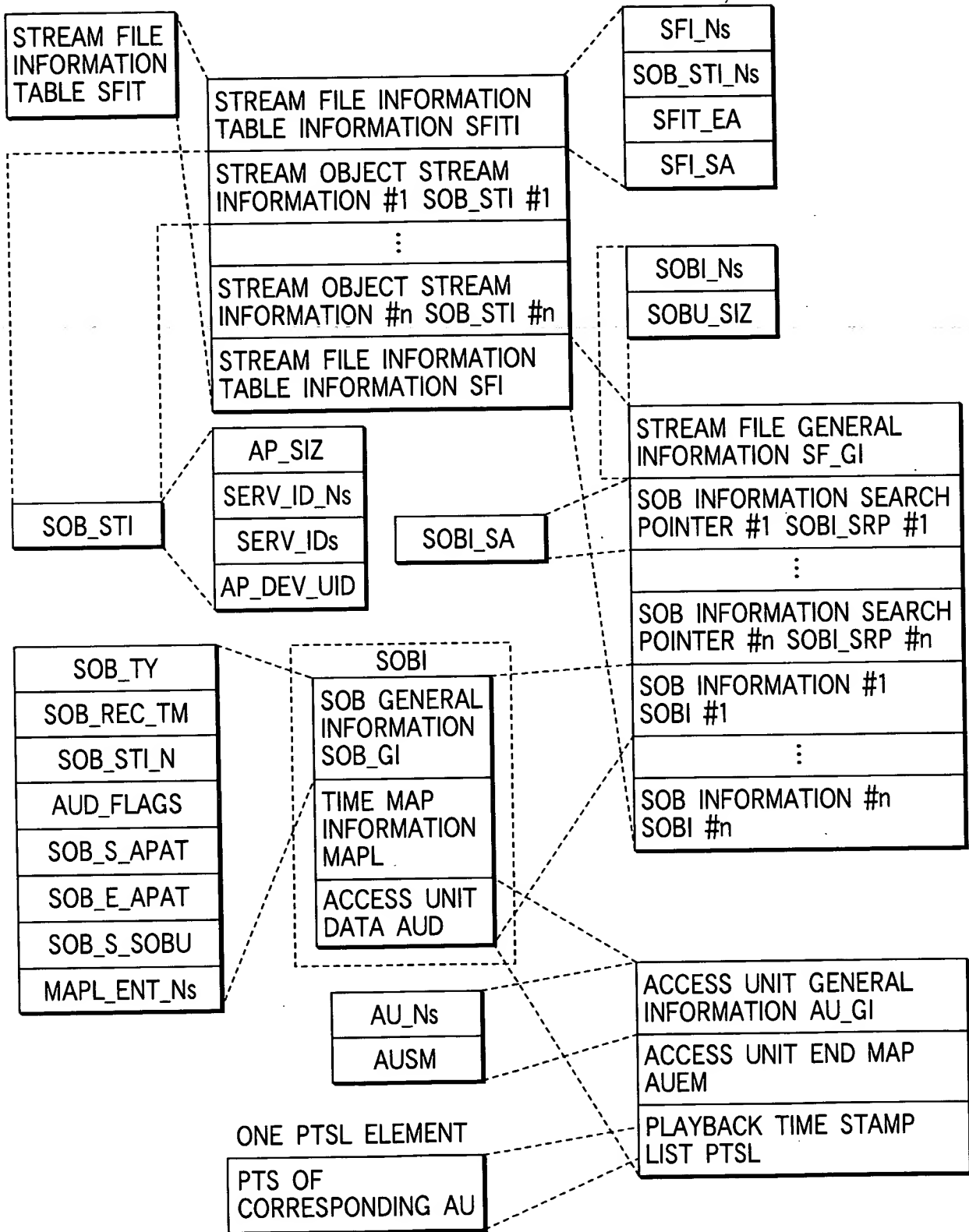


FIG. 15

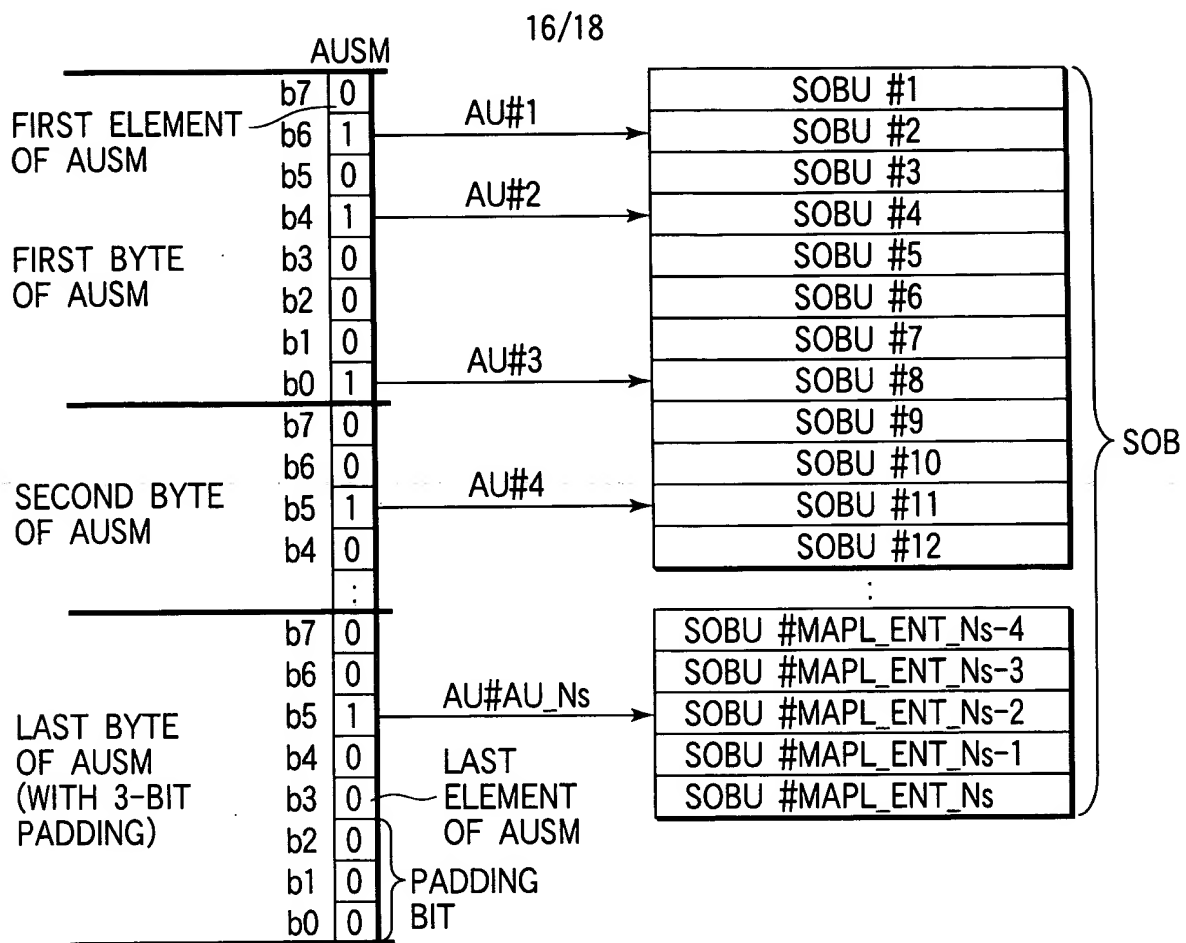


FIG. 16

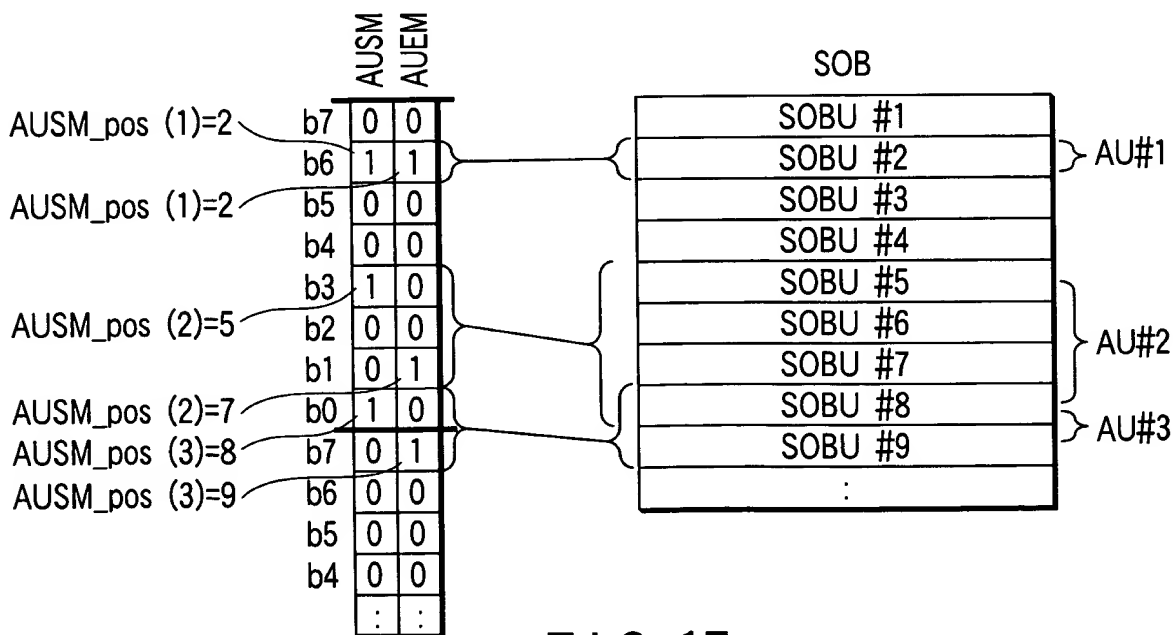


FIG. 17



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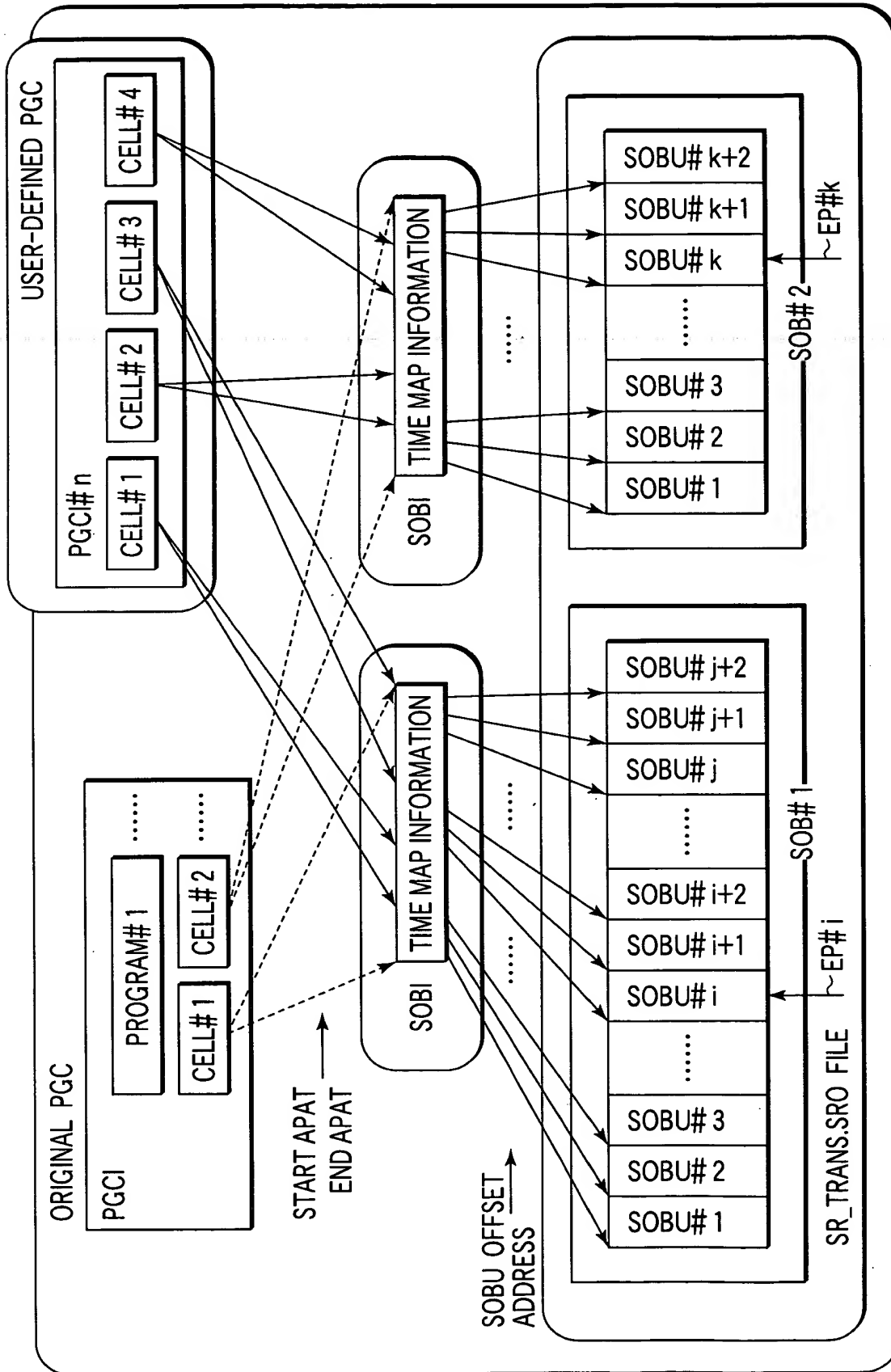


FIG. 18

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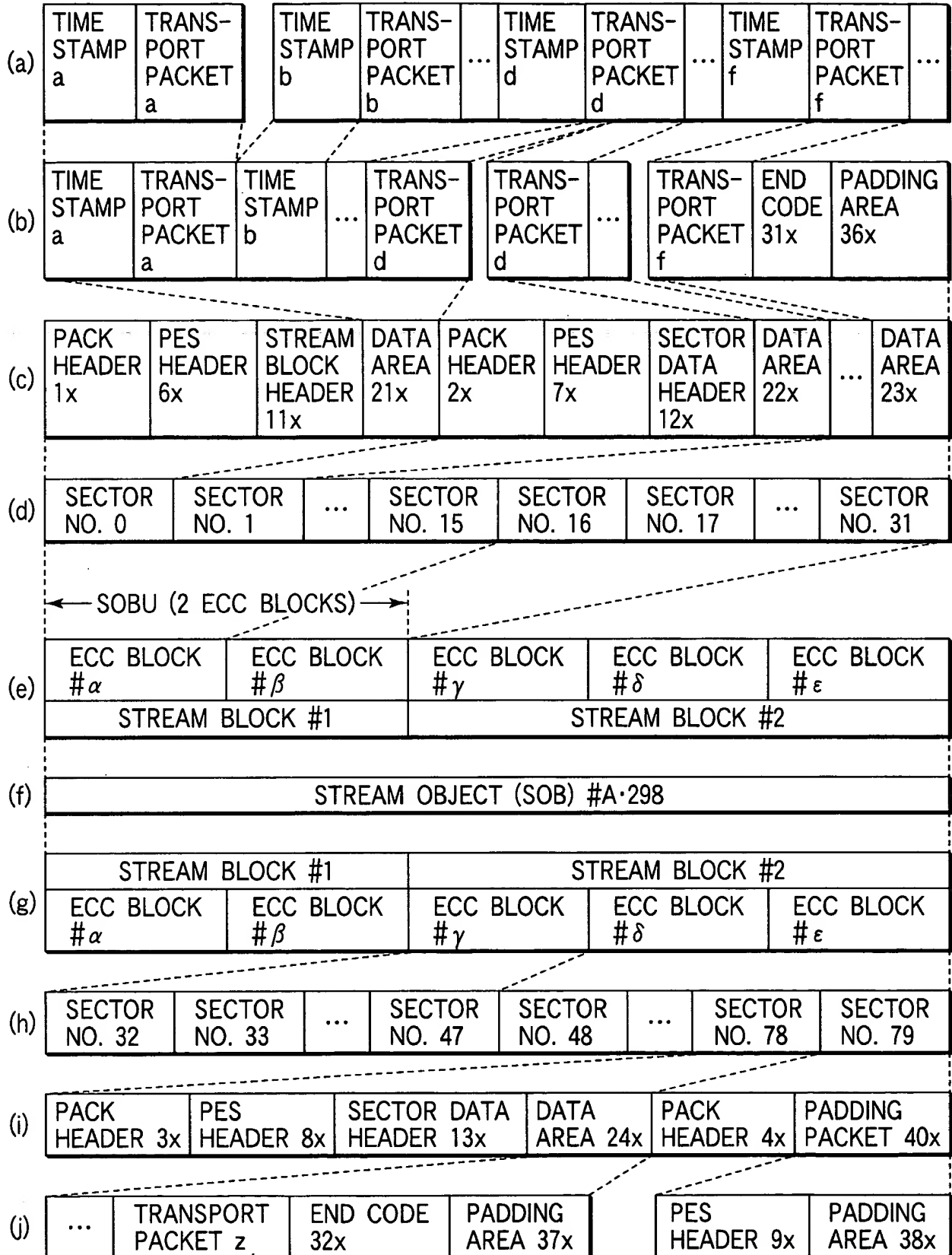


FIG. 19